Electro/Set 460 Perforating Keyboard

An Automatic Counting Keyboard With a Memory

The Electro/Set 460 Justifier is an automatic counting keyboard system designed to meet the demands of today's high speed sophisticated typesetting equipment. This new keyboard produces justified 6, 7 or 8 level tape for all unit or non-unit type faces from 4 points through 96 points.

The Electro/Set 460 Justifier is ideally suited for the setting of general straight matter, sub-heads, ad guts, classified text, display composition, book work, directories, technical publications, encyclopedias and other complex text. And, it can provide excellent back-up for a computer system.

Versatile

The Electro/Set 460 can store six fonts of twelve type faces in its memory at one time regardless of matrix width and deliver precise, accurate and unrestricted mixing within any of these faces. Width data of the fonts that is stored in memory can easily be changed using a program tape rather than printed circuit boards or counting magazines as found in conventional machines.

When you select an Electro/Set 460 Justifier, you don't have to settle for a standard keyboard arrangement; keyboards can be customized to meet specific requirements. Keyboard arrangements, indicator lights, and code structures can be changed to meet particular requirements. Result: maximum efficiency and greatest possible productivity.

Simple to Operate

Justification, for the most part, is accomplished automatically with the Electro/Set 460 Counting Keyboard system. Operators no longer need be concerned about making line ending decisions. The line is automatically terminated by 'Return' and 'Elevate' Codes when a word space or hyphen code is in the justification range. However, the operator still has the capability of manually justifying.

An overset safety delete is truly automatic. When a line is overset, the Electro/Set 460 automatically deletes all characters up to the last space and brings the tape back to the position for continued tape punching. No keystrokes are required.

Also, corrections are made simply and quickly. When an operator rubs out a word or last character, the exact widths of the deleted characters are added back into the memory and the remaining line length is automatically increased to its proper length.

The Electro/Set 460 Justifier eliminates loose and overset lines. All controls and displays are conveniently located. The line measure is easily set from dials in picas and points with a maximum reading of 99 picas and eleven points. This wide measurement takes care of any typesetting machine on today's market.

The electronic illuminated display indicates line length remaining in picas and points.

The minimum and maximum spaceband expansion is also dialed in and calculated in thousandths of an inch.

Models

The Electro/Set Justifier is available in a variety of models to meet your specific requirements.

Electro/Set 461 Justifier—contains 17 additional multiple code keys—each capable of generating a string of up to 3 format control codes from a single keystroke. These keys are programmed to your specifications at the factory. They are logically arranged in a row above the top row of character keys... within touch typing reach.

Electro/Set 462 MCK Justifier—contains 17 additional keys—16 of which are multiple code keys each capable of generating a string of up to seven format control codes from a single keystroke. The 17th key provides an optional split mode function. These keys are easily programmed from circuit boards which can be changed in less than a minute.

Electro/Set 465 PMCK Justifier—contains 17 additional keys—16 of which are programmable multiple code keys each capable of generating a string of up to 64 codes from a single keystroke. The 17th key provides an optional split mode function. These keys are easily programmed directly from the keyboard or a tape reader.

Electro/Set 466 Justifier—specifically designed to get maximum production from Compugraphic CG4961 and 2961 phototypesetting machines.

Specifications
Electro/Set 460

Type
Electronic with MSI, LSI and other solid state circuitry

Output
Justified perforated paper tape; 6 level advanced feed on ⅞" tape; 6, 7 or 8 level in-line feed on ⅞" or 1" tape

Number of Keys
71 keys—all on keyboard

Shift
Available with either Teletypesetter* or secretarial shift keys

Indicator Lights
Power on-off; upper rail; shift; magazine position 1, 2, 3, 4, 5 and 6; numeric line length remaining; justification range; concurrent justification range; memory load; check mode

*TM of VariTyper Division

Controls
Return/elevate; memory load; memory check; punch off; justifier module off; font data multiplier selection; automatic justification

Punch Speed
50 characters/second

Last Word Delete
Optional; deletes last word by a single keystroke

Mono-Mode Module
Optional; provides one changeable 64 character code structure on one module; code structure selection by manual change of plug-in circuit board

Tri-Mode Module
Optional; provides three changeable 64 character code structures on one module; code structure selection by a single keystroke

Parity Checks
Available with mono or tri-mode modules; even or odd

Add 7 and Add 8
Available with 8 level punch; adds 7 and/or 8 level code to standard TTS* or other code structure

Dimensions
Keyboard: Width 22"; Height 9⅛" (without copyholder) — 17⅝" (with copyholder); Depth: 20", Justifier Module: Width 12"; Height 9"; Depth 21"

Weight
Keyboard: 58 lbs.; Justifier Module: 25 lbs.

Power
115 VAC; 50-60 HZ; 230 VAC; 50 HZ (optional)

Color
Beige and gray

Model Electro/Set 460
Equipment Designations

E/S460-1	Photon 713
E/S460-5	Photon Pace Setter
E/S460-10	Mergenthaler Super Quick
E/S460-11	Mergenthaler VIP
E/S460-12	Mergenthaler Linotron 505
E/S460-13	Mergenthaler Lincecasting Machine
E/S460-20	Intertype Fototronic 1200
E/S460-21	Intertype Fototronic TXT
E/S460-22	Intertype Linecasting Machine
E/S460-23	Intertype Fototronic 600
E/S460-30	Compugraphic 2961 TL
E/S460-31	Compugraphic 4961 TL
E/S460-32	Compugraphic ACM 9000
E/S460-40	Fairchild 2020/4000
E/S460-41	Fairchild Compo/Mix 100
E/S460-50	AM 725
E/S460-51	AM 707
E/S460-52	AM 744
E/S460-53	AM 747
E/S460-62	Photomix 70

Others Available

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Photocomposed on VariTyper equipment. Litho in U.S.A.